

INTERNAL SSD (→) COLORS PORTFOLIO



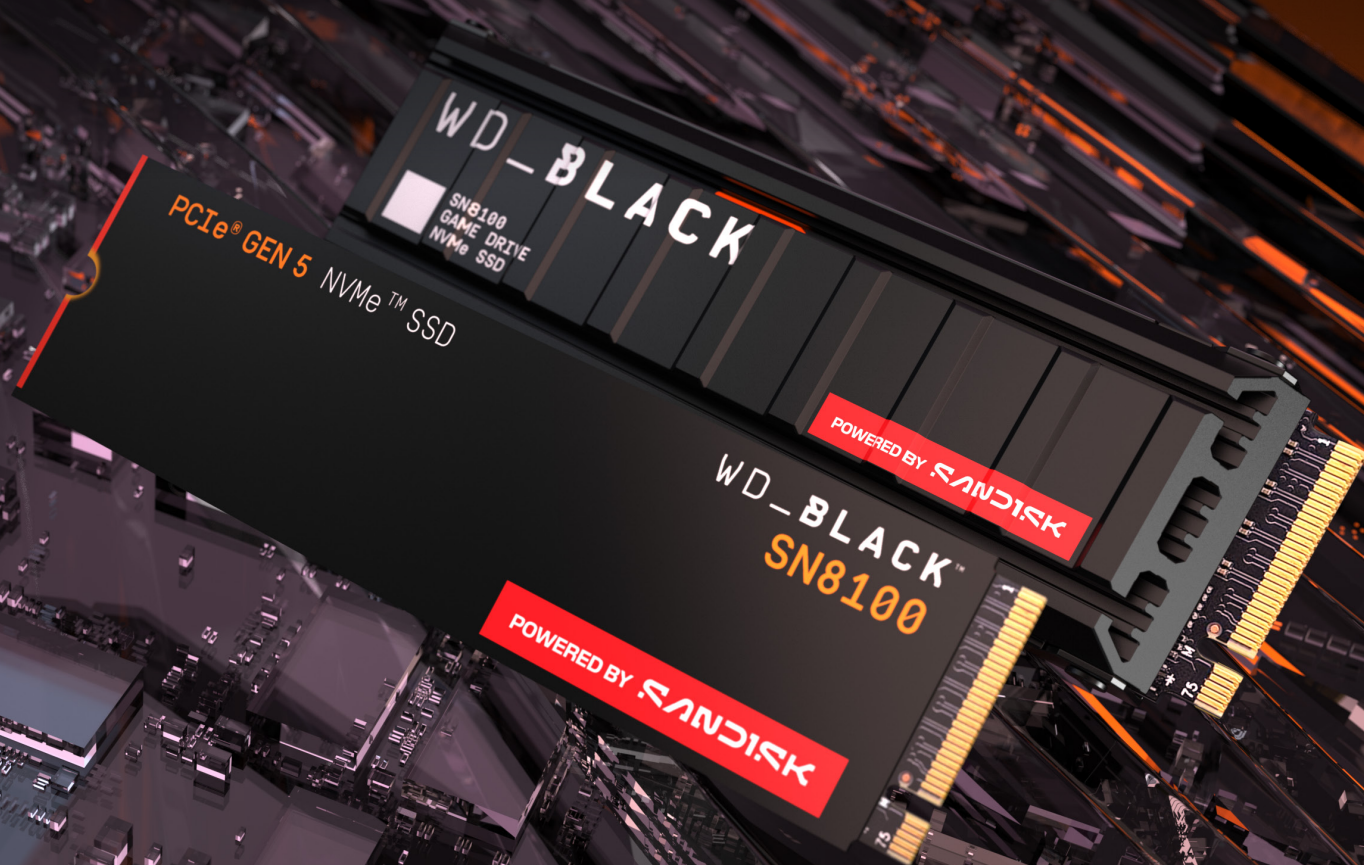
SANDISK™

"BROCHURE"

SEPTEMBER . 2025

WD_BLACK™

EXPERIENCE OUR
PEAK SSD PERFORMANCE
WITH THE WD_BLACK™ SN8100
NVME™ GEN 5 SSD.

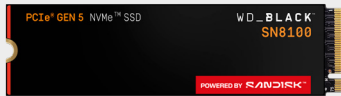


WD_BLACK™ SN8100 NVMe™ SSD

Build your new gaming PC or workstation system with our cutting-edge PCIe™ Gen 5 SSD, delivering blistering speeds up to 14,900 MB/s² for demanding tasks like high-level gaming, professional content creation, and AI applications. As an industry-leader for PCIe® Gen 5 power efficiency, the WD_BLACK™ SN8100 NVMe™ SSD harnesses advanced TLC 3D CBA NAND technology to help ensure performance and reliability, while a low-power profile and optimized thermal performance keep your system cool and running smoothly. With up to 8TB¹ of storage and a suite of powerful features, this SSD is the ultimate upgrade for discerning users.



WD_BLACK™ SSDs



WD_BLACK™ SN8100 NVMe™ SSD with PCIe® Gen 5.0

Halo storage solution with PCIe® Gen 5 interface speeds for professional workstations and high-level gaming PCs.

Interface	PCIe® Gen5×4 NVMe™							
Form Factor	M.2 2280-D3-M		M.2 2280-S3-M		M.2 2280-D3-M (Heatsink)		M.2 2280-S3-M (Heatsink)	
Capacity ²	8TB	4TB	2TB	1TB	8TB	4TB	2TB	1TB
TBW ³	4,800	2,400	1,200	600	4,800	2,400	1,200	600
Limited Warranty ⁴	5 Years							
Ideal For	Performance Compute, AI workloads and Hardcore Gaming							
Compatibility	Backwards Compatible with PCIe® Gen 4							
Features	Acronis® True Image™ for SANDISK®, SANDISK® Dashboard software							

Ordering Information

Model No.	WDS800T1X0M	WDS400T1X0M	WDS200T1X0M	WDS100T1X0M	WDS800T1XH0M	WDS400T1XH0M	WDS200T1XH0M	WDS100T1XH0M
UPC Code	6 1965922090 7	6 1965922089 1	6 19659 22086 0	6 19659 22088 4	6 1965922094 5	6 19659 22093 8	6 19659 22092 1	6 19659 22091 4



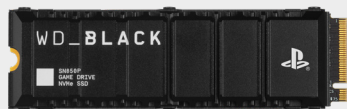
WD_BLACK™ SN850X NVMe™ SSDs for High Performance Gaming

High-performance storage solution which delivers peak PCIe® Gen 4 performance with low latency for games and intense workloads.

Interface	PCIe® Gen4×4 NVMe™							
Form Factor	M.2 2280-D3-M		M.2 2280-S3-M		M.2 2280-D3-M (Heatsink)		M.2 2280-S3-M (Heatsink)	
Capacity ²	8TB	4TB	2TB	1TB	8TB	4TB	2TB	1TB
TBW ³	4,800	2,400	1,200	600	4,800	2,400	1,200	600
Limited Warranty ⁴	5 Years							
Ideal For	Performance Compute and Hardcore Gaming							
Compatibility	Backwards Compatible with PCIe® Gen 3							
Features	Acronis® True Image™ for SANDISK®, SANDISK® Dashboard software							

Ordering Information

Model No.	WDS800T2X0E	WDS400T2X0E	WDS200T2X0E	WDS100T2X0E	WDS800T2XHE	WDS400T2XHE	WDS200T2XHE	WDS100T2XHE
UPC Code	718037904924	718037901480	718037891309	718037891385	718037903118	718037891378	718037891408	718037891392



WD_BLACK™ SN850P NVMe™ SSD

- Officially Licensed for PlayStation®5

Officially Licensed for Your PS5® Console, the WD_BLACK™ SN850P NVMe™ SSD for PS5® consoles allows you to store and play PS5® games directly from the drive. New optimized heatsink with capacities up to 8TB.

Interface	PCIe® Gen4×4 NVMe™			
Form Factor	M.2 2280-D3-M (Heatsink)		M.2 2280-S3-M (Heatsink)	
Capacity ²	8TB	4TB	2TB	1TB
TBW ³	4,800	2,400	1,200	600
Limited Warranty ⁴	5 Years			
Ideal For	PS5® Storage Expansion			
Compatibility	Officially Licensed for PS5®			

Ordering Information

Model No.	WDBBYV0080BNC-WRSN	WDBBYV0040BNC-WRSN	WDBBYV0020BNC-WRSN	WDBBYV0010BNC-WRSN
UPC Code	619659208349	619659198114	619659198084	619659198053



WD_BLACK™ SN7100 NVMe™ SSDs for Mainstream Gaming

Performance DRAM-less storage solution with PCIe® Gen4 interface which balances high performance with low power. Great for gamers and laptop PC upgrades.

Interface	PCIe® Gen4×4 NVMe™			
Form Factor	M.2 2280-S3-M			
Capacity ²	4TB	2TB	1TB	500GB
TBW ³	2,400	1,200	600	300
Limited Warranty ⁴	5 Years			
Ideal For	Mainstream Gaming, Laptop Gaming, and Handheld Gaming			
Compatibility	Backwards Compatible with PCIe® Gen 3			
Features	Acronis® True Image™ for SANDISK®, SANDISK® Dashboard software			

Ordering Information

Model No.	WDS400T4X0E	WDS200T4X0E	WDS100T4X0E	WDS500G4X0E
UPC Code	718037902982	718037893211	718037893204	718037893662



WD_BLACK™ SN770M NVMe SSDs for Handheld Gaming

Upgrade compatible handheld devices such as the ASUS™ ROG Ally™, MSI™ Claw, and Steam® Deck and M.2 2230 compatible⁶ laptops such as many Microsoft® Surface and Dell™ models.

Interface	PCIe® Gen4×4 NVMe™		
Form Factor	M.2 2230-S3-M		
Capacity ²	2TB	1TB	500GB
TBW ³	1,200	600	300
Limited Warranty ⁴	5 Years		
Ideal For	Handheld Gaming and Microsoft Surface/Compatible Laptops		
Compatibility	M.2 2230 PCIe® Slots only.Backwards Compatible with PCIe® Gen 3		
Features	Acronis® True Image™ for SANDISK®, SANDISK® Dashboard software		

Ordering Information

Model No.	WDS200T3X0G	WDS100T3X0G	WDS500G3X0G
UPC Code	718037902968	718037902951	718037902975



WD Blue® SSDs



WD Blue® SN5100 NVMe™ SSDs for Mainstream Compute

Purpose built storage solution with large capacities for creators and professionals.

Interface	PCIe® Gen4x4 NVMe™			
Form Factor	M.2 2280-S3-M			
Capacity ²	4TB	2TB	1TB	500GB
TBW ³	1,200	900	600	300
Limited Warranty ⁴	5 Years			
Ideal For	Mainstream Compute and Creators			
Features	Acronis® True Image™ for SANDISK®, SANDISK® Dashboard software			

Ordering Information

Model No.	WDS400T5B0E	WDS200T5B0E	WDS100T5B0E	WDS500G5B0E
UPC Code	718037906270	718037906263	718037906256	718037906287



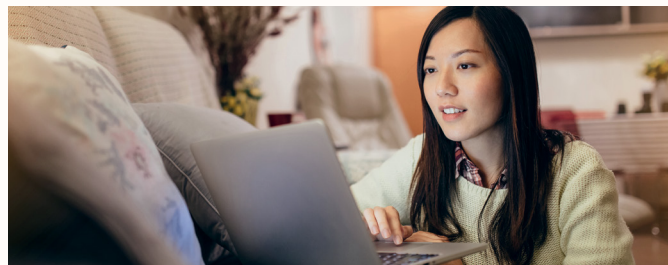
WD Blue® SA510 SATA SSDs for Mainstream Compute

Breathe new life into your SATA-based PC so you can push your work further and grow your creative potential.

Interface	SATA III 6Gb/s									
Form Factor	2.5 inch / 7mm					M.2 2280-S3-M				
Capacity ²	4TB	2TB	1TB	500GB	250GB	2TB	1TB	500GB	250GB	
TBW ³	600	500	400	200	100	500	400	200	100	
Limited Warranty ⁴	5 Years									
Ideal For	Mainstream Compute and Creators									
Features	Acronis® True Image™ for SANDISK®, SANDISK® Dashboard software									

Ordering Information

Model No.	WDS400T3B0A	WDS200T3B0A	WDS100T3B0A	WDS500G3B0A	WDS250G3B0A	WDS200T3B0B	WDS100T3B0B	WDS500G3B0B	WDS250G3B0B
UPC Code	718037899961	718037884660	718037884653	718037884639	718037884622	718037884684	718037884707	718037884714	718037884691



WD Green® SSDs



WD Green® SN3000 NVMe™ SSDs for Everyday Computing

Upgrade to a storage solution providing performance with a budget for everyday computing

Interface	PCIe® Gen4x4 NVMe™		
Form Factor	M.2 2280-S3-M		
Capacity ²	2TB	1TB	500GB
TBW ³	250	150	100
Limited Warranty ⁴	3 Years		
Ideal For	Everyday, Home Office, Students		
Features	Acronis® True Image™ for SANDISK®, SANDISK® Dashboard software		

Ordering Information

Model No.	WDS200T4G0E	WDS100T4G0E	WDS500G4G0E
UPC Code	718037904610	718037907154	718037904634



WD Green® SATA SSDs for Everyday Computing

Breathe new life into your SATA-based PC so you can push your work further and grow your creative potential.

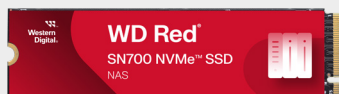
Interface	SATA III 6Gb/s					
Form Factor	2.5 inch / 7mm			M.2 2280-S3-M		
Capacity ²	2TB	1TB	500GB	250GB	480GB	240GB
Limited Warranty ⁴	3 Years					
Ideal For	Everyday, Home Office, Students					
Features	Acronis® True Image™ for SANDISK®, SANDISK® Dashboard software					

Ordering Information

Model No.	WDS200T5G0A	WDS100T5G0A	WDS500G5G0A	WDS250G5G0A	WDS480G3G0B	WDS240G3G0B
UPC Code	619659219277	619659219260	619659219253	619659219246	718037894287	718037894294



WD Red® SSDs



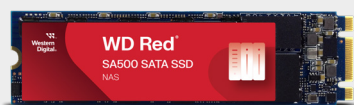
WD Red® SN700 - NAS NVMe™ SSD

Designed for all-flash NAS. Delivers reduced latency and high IOPS for increased performance in file sharing environments.

Interface	PCIe® Gen3×4 NVMe™				
Form Factor	M.2 2280-S3-M				
Capacity ²	4TB	2TB	1TB	500GB	250GB
TBW ³	5,100	2,500	2,000	1,000	500
Limited Warranty ⁴	5 Years				
Ideal For	All-flash NAS				
Features	Acronis® True Image™ for SANDISK®, SANDISK® Dashboard software				

Ordering Information

Model No.	WDS400T1R0C	WDS200T1R0C	WDS100T1R0C	WDS500G1R0C	WDS250G1R0C
UPC Code	718037891422	718037891330	718037891323	718037891439	718037891415



WD Red® SA500 - NAS SATA SSD

Designed for caching and storage tiering in NAS. Delivers increased performance for NAS environments.

Interface	SATA III 6Gb/s						
Form Factor	2.5 inch / 7mm				M.2 2280-S3-M		
Capacity ²	4TB	2TB	1TB	500GB	2TB	1TB	500GB
TBW ³	2,500	1,300	600	350	1,300	600	350
Limited Warranty ⁴	5 Years						
Ideal For	Caching and StorageTiering for NAS						
Features	Acronis® True Image™ for SANDISK®, SANDISK® Dashboard software						

Ordering Information

Model No.	WDS400T2R0A	WDS200T2R0A	WDS100T1R0A	WDS500G1R0A	WDS200T1R0B	WDS100T1R0B	WDS500G1R0B
UPC Code	718037903620	718037903613	718037872384	718037872346	718037872339	718037872360	718037872353



Comparison Chart - NVMe™ SSD:

								
	WD Green® SN3000	WD Blue® SN5100	WD_BLACK™ SN7100	WD_BLACK™ SN850X	WD_BLACK™ SN8100	WD_BLACK™ SN770M	WD_BLACK™ SN850P	WD Red® SN700
Application	Everyday Compute	Mainstream Compute	Mainstream Gaming	Performance Gaming/PRO	Performance Gaming/PRO	Handhelds/Laptop	PS5® Consoles	NAS & High Endurance
Interface¹	PCIe® Gen4	PCIe® Gen4	PCIe® Gen4	PCIe® Gen4	PCIe® Gen5	PCIe® Gen4	PCIe® Gen4	PCIe® Gen3
Form-factor	M.2 2280	M.2 2280	M.2 2280	M.2 2280	M.2 2280	M.2 2230	M.2 2280	M.2 2280
Capacities²	250GB-2TB	500GB-4TB	500GB-4TB	1-8TB	1-8TB	500GB-2TB	1-8TB	250GB-4TB
Seq. Read up to (MB/s)⁵	5,000	7,100	7,250	7,300	14,900	5,150	7,300*	3,400
Seq. Write up to (MB/s)⁵	N/A	6,700	6,900	6,600	14,000	4,850	6,600	3,100
Rnd Read up to (IOPS)⁵	N/A	1M	1M	1.2M	2.3M	650K	N/A	550K
Rnd Write up to (IOPS)⁵	N/A	1.3M	1.4M	1.2M	2.4M	800K	N/A	520K
TBW³	250	1,200	2,400	4,800	4,800	1,200	4,800	5,100
Limited Warranty (Years)⁴	3	5	5	5	5	5	5	5

*Note that speeds shown are based on internal testing of the drive capability as measured in a PC environment.
Read speed reported by PlayStation®5 console may be lower due to the difference in architecture (~6,200 to 6,500MB/s)

Comparison Chart - SATA SSD:

						
	WD Green®	WD Blue®	WD Red®			
Application	Everyday	Mainstream	NAS			
Interface¹	SATA III 6Gb/s	SATA III 6Gb/s	SATA III 6Gb/s			
Protocol	AHCI	AHCI	AHCI			
Capacities²	250GB – 2TB	250GB – 4TB	500GB – 4TB			
Specifications (based on)	2TB	4TB	4TB			
Read up to (MB/s)⁵	545	560	560			
Write up to (MB/s)⁵	NA	520	530			
Rnd Read (IOPS)⁵	NA	90K	95K			
Rnd Write (IOPS)⁵	NA	82K	82K			
TBW³	NA	400	2,500*			
Limited Warranty (Years)⁴	3	5	5			

*Note that TBW (terabytes written) values calculated using JEDEC Client workload (JESD219) (2.5" and M.2 2280 models in 500GB and 1TB capacities and M.2 2280 model in 2TB capacity) and mixed sequential and random workload (2.5" models in 2TB and 4TB capacities) and vary by product capacity.

- ¹ PCIe® Gen5 - Backwards Compatible with PCIe® Gen4, PCIe® Gen3. SATA III 6Gb/s - Backwards compatible to SATA II and I
- ² 1MB = 1 million bytes, 1GB = 1 billion bytes, and 1TB = one trillion bytes. Actual user capacity may be less depending on operating environment.
- ³ TBW (terabytes written) values calculated using JEDEC client workload (JESD219) and vary by product capacity.
- ⁴ Limited Warranty Period or Max Endurance (TBW) limit, whichever occurs first. See support.wdc.com/warranty for regional specific warranty details.
- ⁵ 1MB/s = 1 million bytes per second. Based on internal testing; performance may vary depending upon host device, usage conditions, drive capacity, and other factors; IOPS = input/output operations per second. Performance will vary depending on your hardware and software components and configurations
- ⁶ Computer with M.2 (M-key) port, capable of taking M.2 2230 form factor and Windows® 10+



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